

APPARATUS FOR THE COLLECTION OF DATA FOR PERFORMING  
AUTOMATIC SPEECH RECOGNITION

ABSTRACT

An apparatus for imaging the mouth of a user while detecting the speech of the user. The apparatus includes a headset. A video camera mounted to the headset is positioned so as to capture a frontal view of the mouth of a user. A microphone mounted to the headset is positioned so as to detect the speech of the user. An illumination source illuminates the mouth of the user. A communication device transmits the output of the video camera and the output of the microphone to a computer.